

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078882.D
 Acq On : 07 May 2024 16:57
 Operator : RP/MD
 Sample : P2395-02
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 08 04:23:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

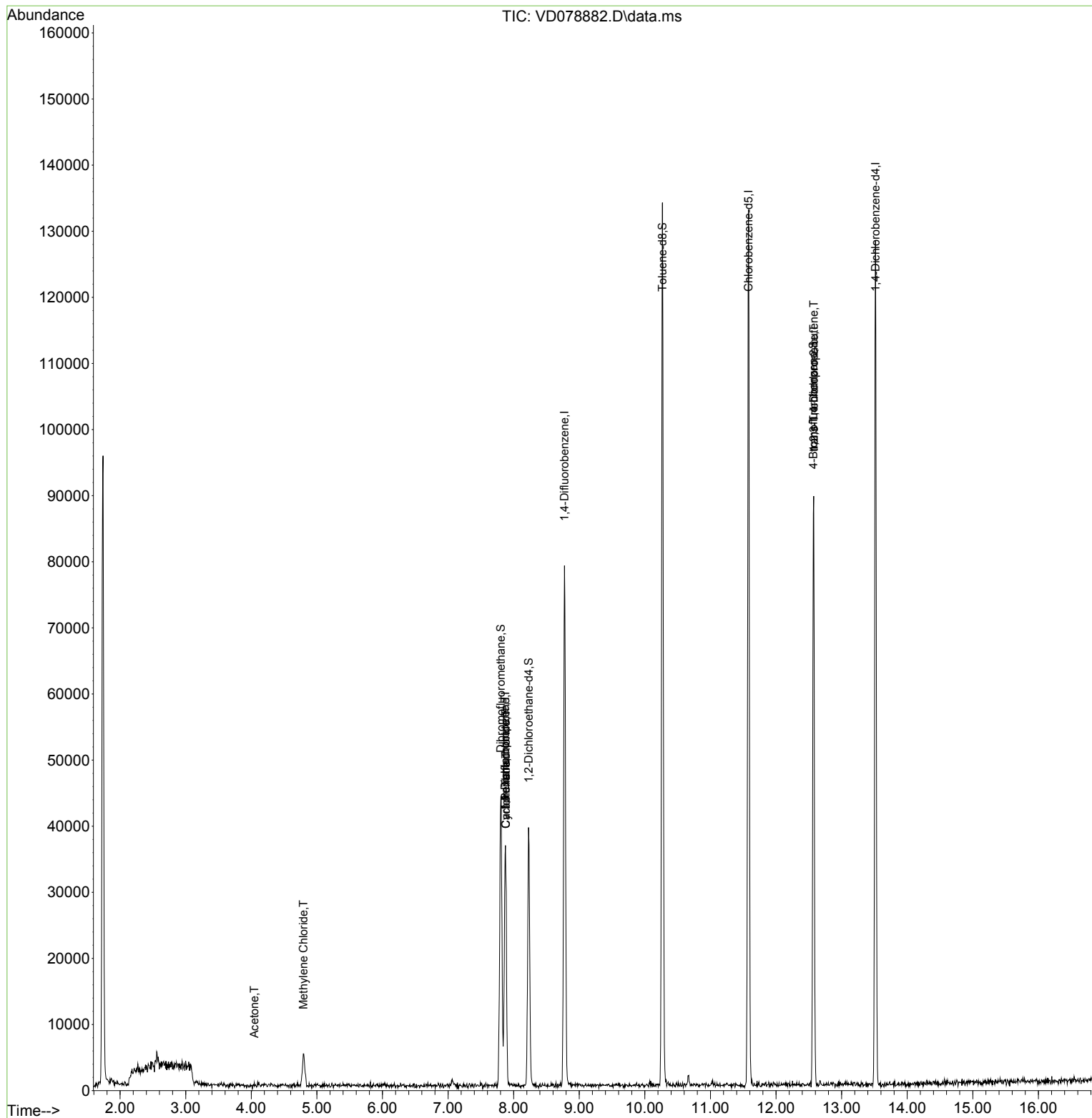
Internal Standards						
1) Pentafluorobenzene	7.875	168	29869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	73850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	84307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	37183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29920	90.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.500%#	
35) Dibromofluoromethane	7.804	113	33037	60.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.860%	
50) Toluene-d8	10.269	98	97620	46.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.820%	
62) 4-Bromofluorobenzene	12.569	95	27172	45.625	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.046	43	61	1.234	ug/l #	39
20) Methylene Chloride	4.793	84	3820	7.772	ug/l	90
31) Cyclohexane	7.881	56	494	1.004	ug/l #	33
36) 1,1-Dichloropropene	7.869	75	2442	3.501	ug/l #	44
38) Carbon Tetrachloride	7.881	117	3003	3.741	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	14380	46.486	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	14380	90.826	ug/l #	19

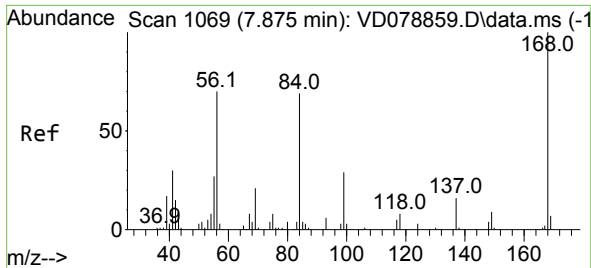
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:11 2024
Response via : Initial Calibration

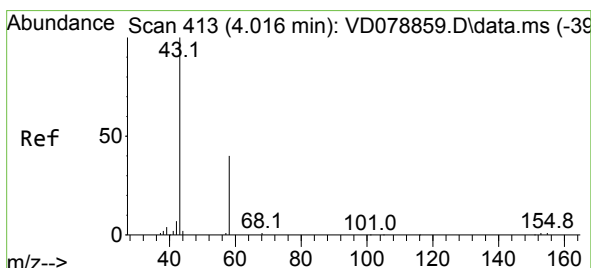
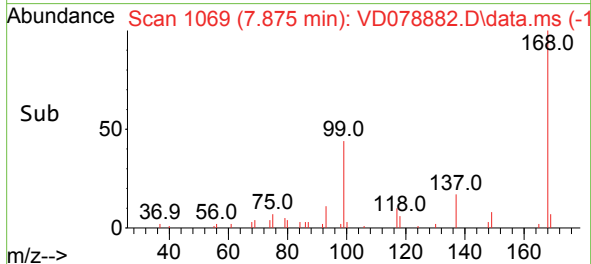
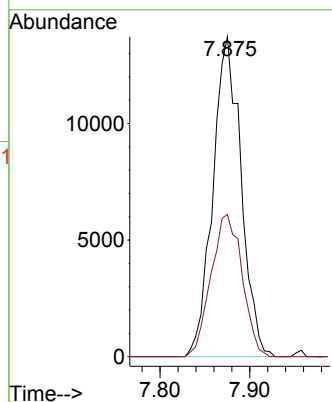
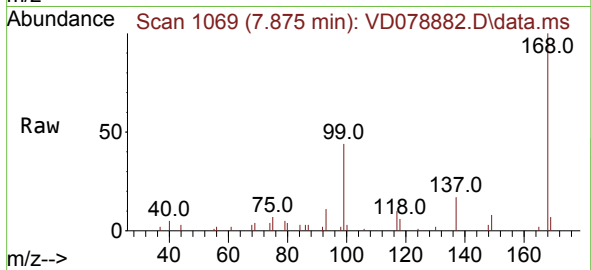




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

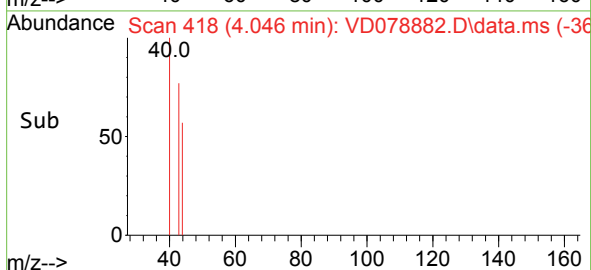
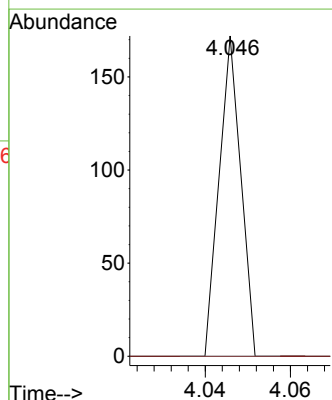
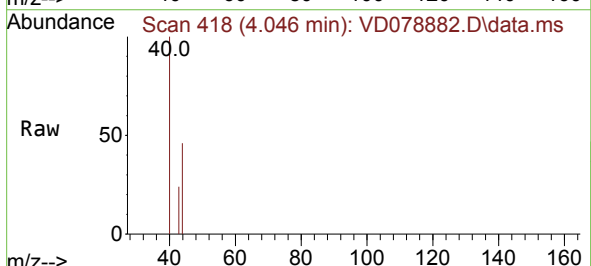
Instrument :
MSVOA_D
ClientSampleId :

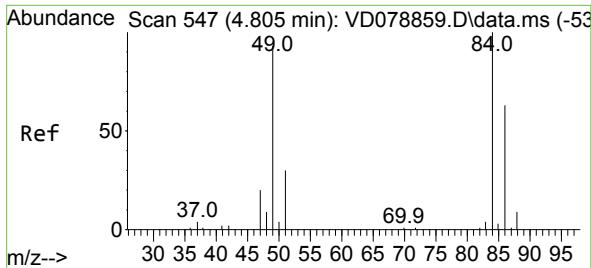
Tgt Ion:168 Resp: 29869
Ion Ratio Lower Upper
168 100
99 44.5 38.8 58.2



#16
Acetone
Concen: 1.234 ug/l
RT: 4.046 min Scan# 418
Delta R.T. 0.030 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

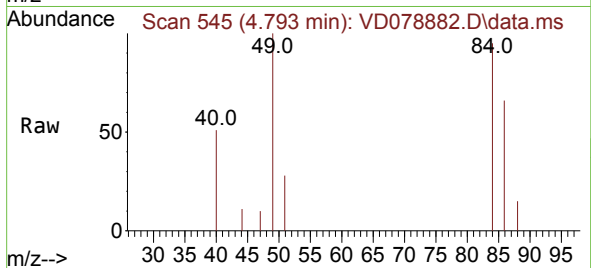
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



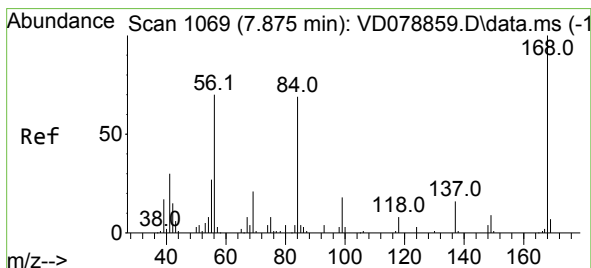
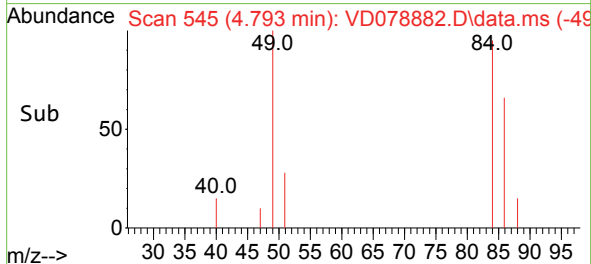
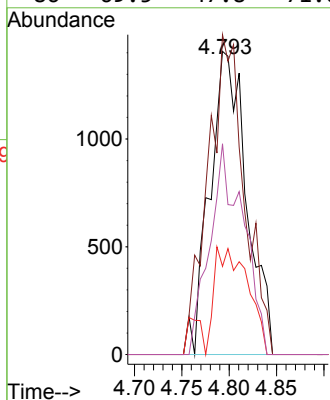


#20
Methylene Chloride
Concen: 7.772 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :

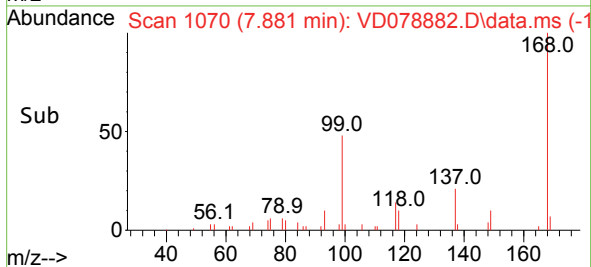
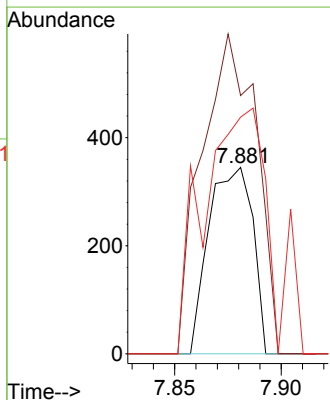
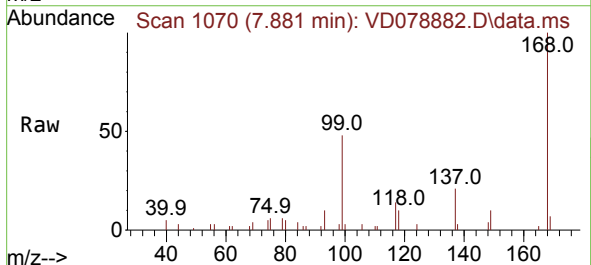


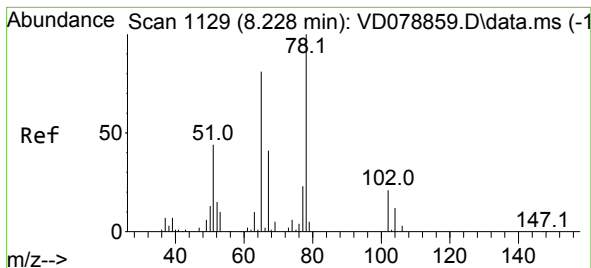
Tgt Ion: 84	Resp:	3820	
Ion	Ratio	Lower	Upper
84	100		
49	105.5	75.6	113.4
51	29.1	23.4	35.0
86	69.5	47.8	71.6



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

Tgt Ion: 56	Resp:	494	
Ion	Ratio	Lower	Upper
56	100		
69	138.6	26.6	40.0#
84	127.0	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 90.247 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD078882.D

Acq: 07 May 2024 16:57

Instrument :

MSVOA_D

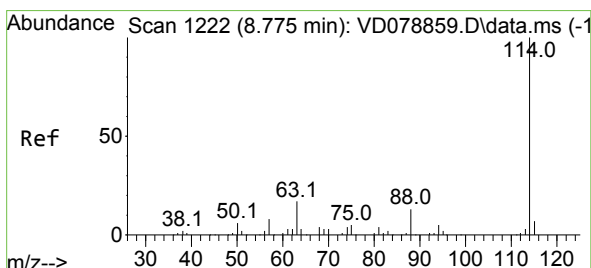
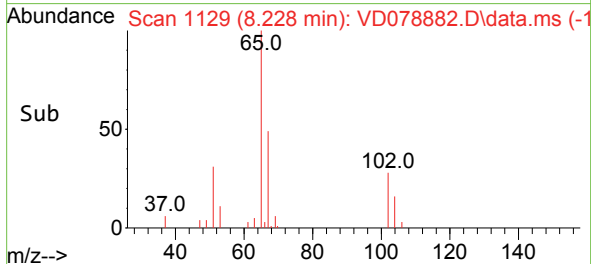
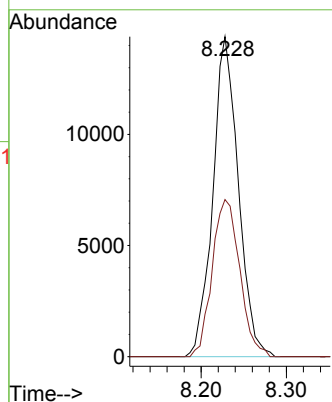
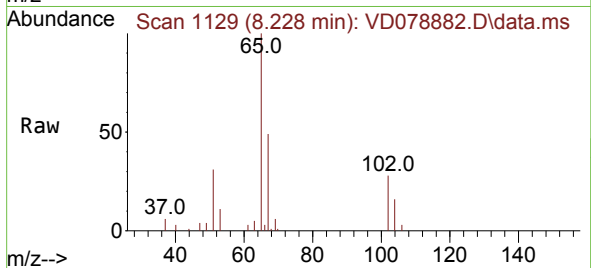
ClientSampleId :

Tgt Ion: 65 Resp: 29920

Ion Ratio Lower Upper

65 100

67 53.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078882.D

Acq: 07 May 2024 16:57

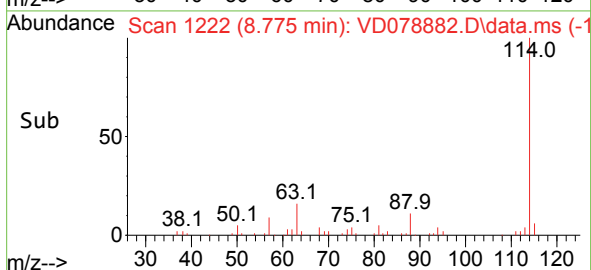
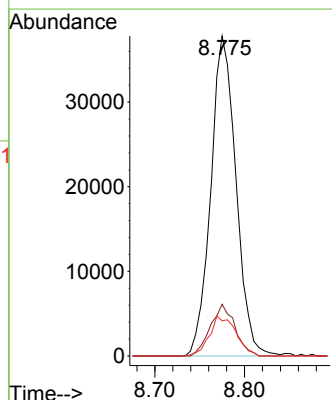
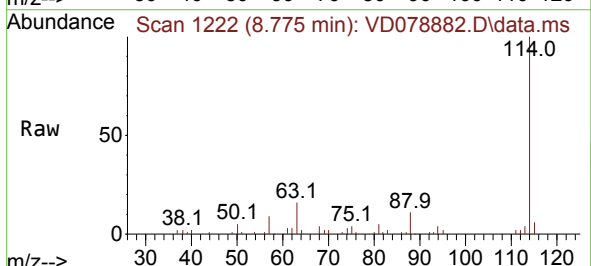
Tgt Ion: 114 Resp: 73850

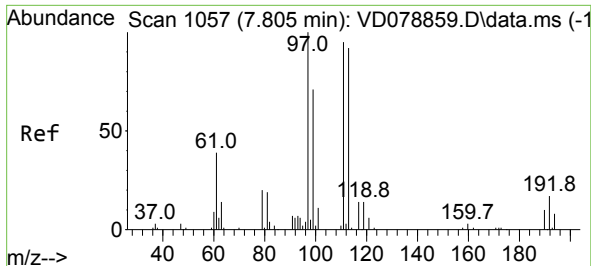
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

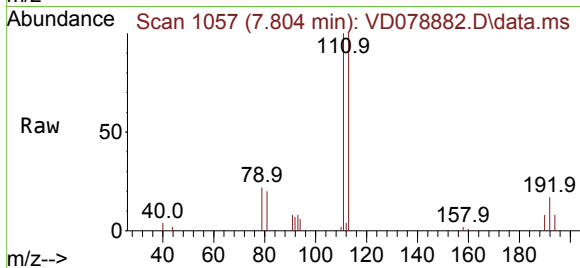
88 11.0 0.0 24.6



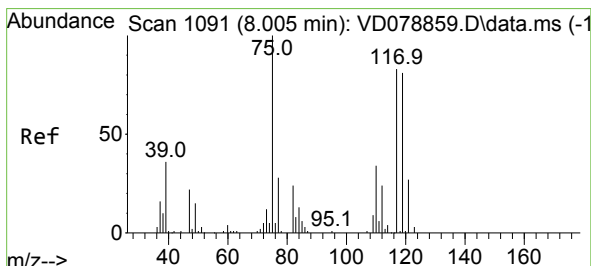
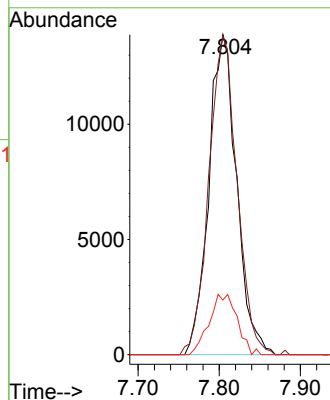
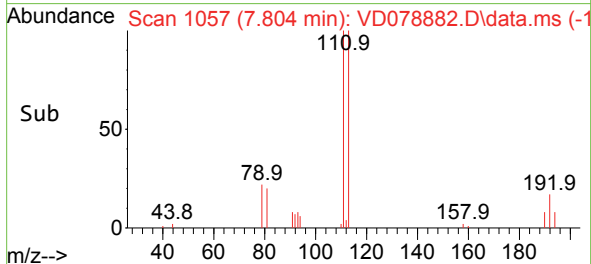


#35
Dibromofluoromethane
Concen: 60.928 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :

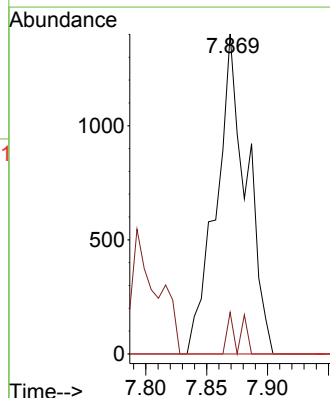
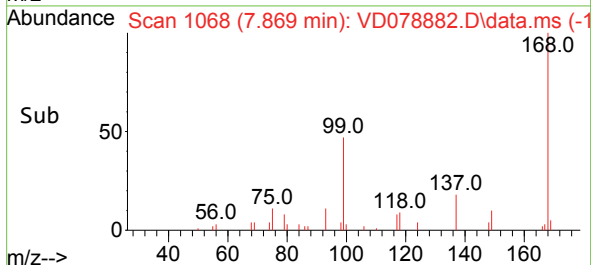
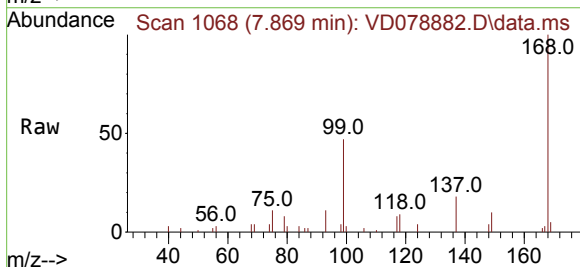


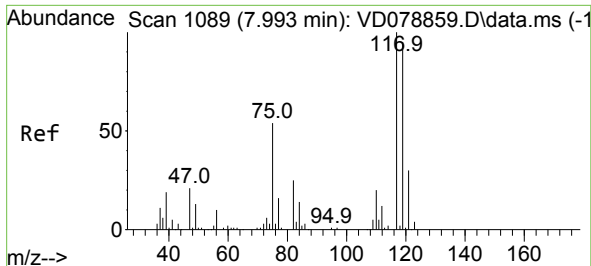
Tgt Ion:113 Resp: 33037
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.501 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

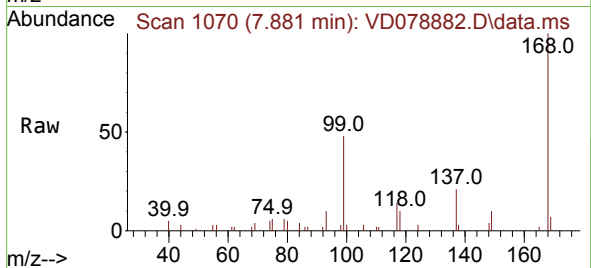
Tgt Ion: 75 Resp: 2442
Ion Ratio Lower Upper
75 100
110 5.1 19.1 57.1#
77 0.0 25.4 38.2#



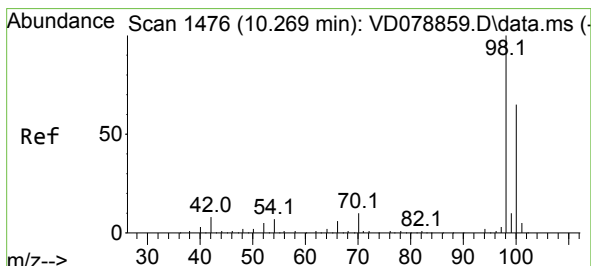
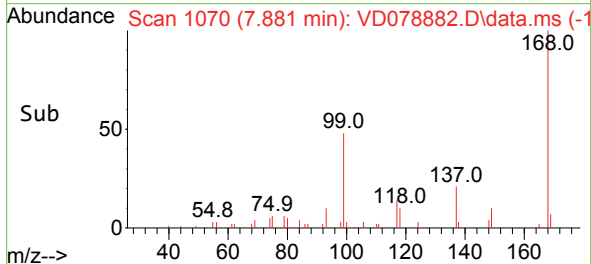
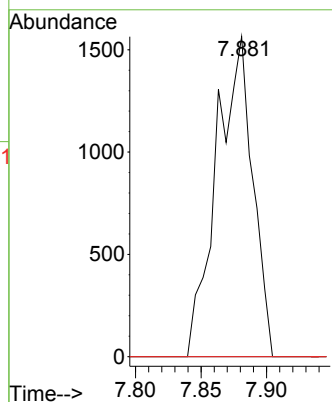


#38
Carbon Tetrachloride
Concen: 3.741 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :

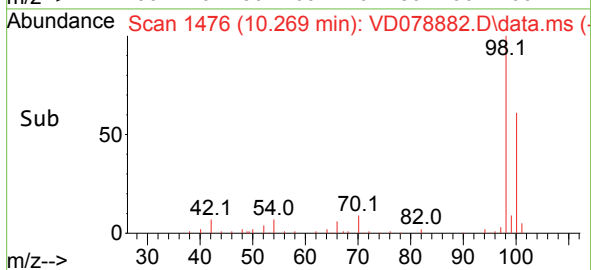
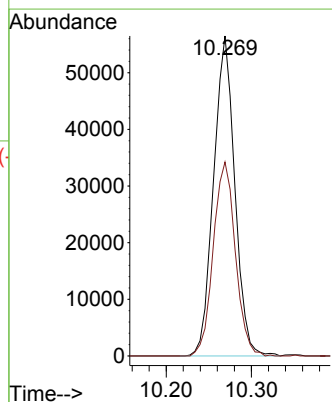
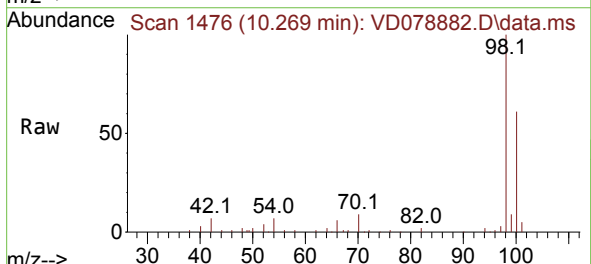


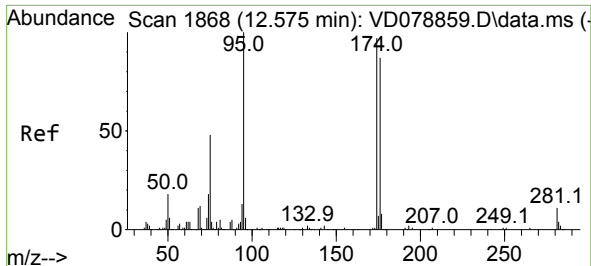
Tgt Ion:117 Resp: 3003
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 46.912 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

Tgt Ion: 98 Resp: 97620
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

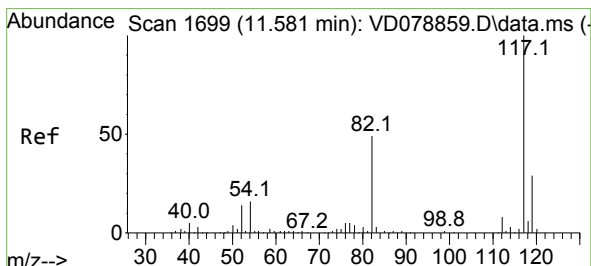
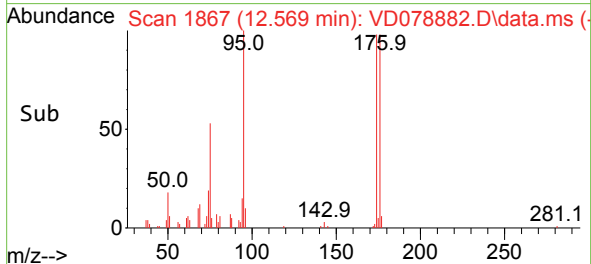
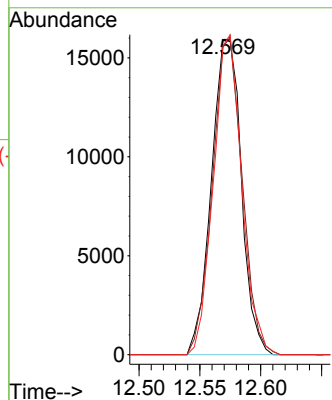
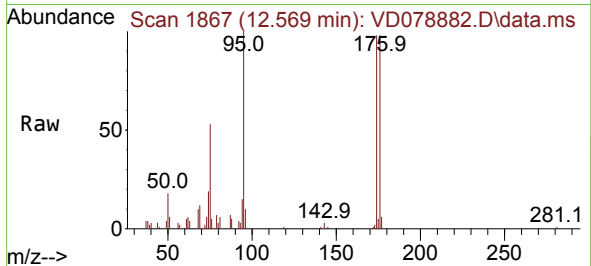




#62
4-Bromofluorobenzene
Concen: 45.625 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

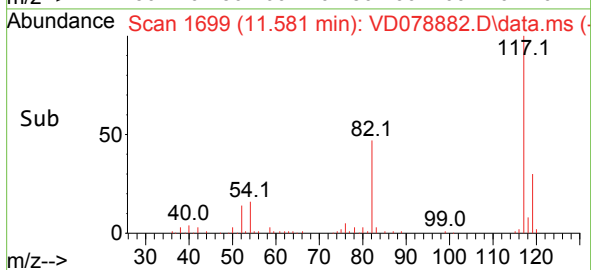
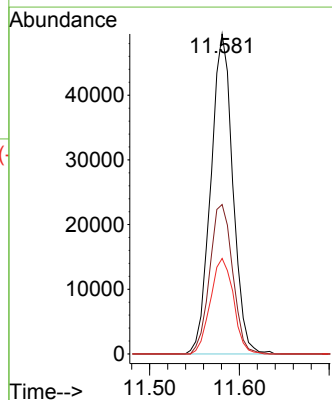
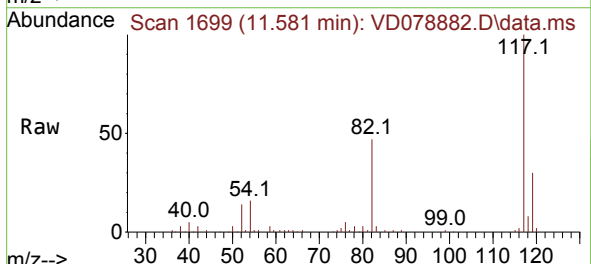
Instrument :
MSVOA_D
ClientSampleId :

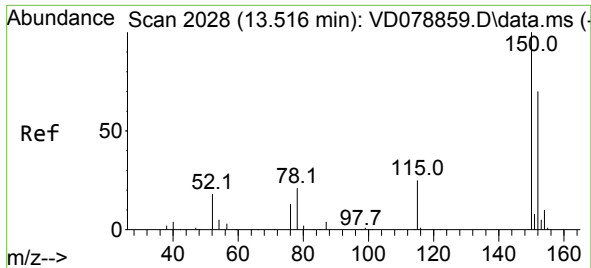
Tgt Ion: 95 Resp: 27172
Ion Ratio Lower Upper
95 100
174 99.7 0.0 195.2
176 96.3 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078882.D
Acq: 07 May 2024 16:57

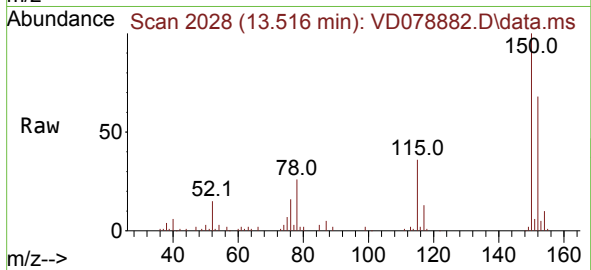
Tgt Ion: 117 Resp: 84307
Ion Ratio Lower Upper
117 100
82 46.7 41.4 62.2
119 29.8 26.5 39.7



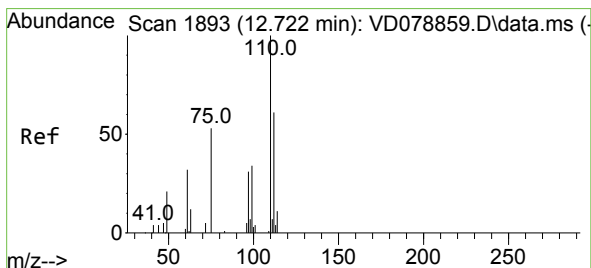
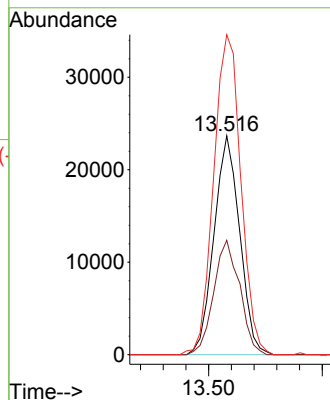
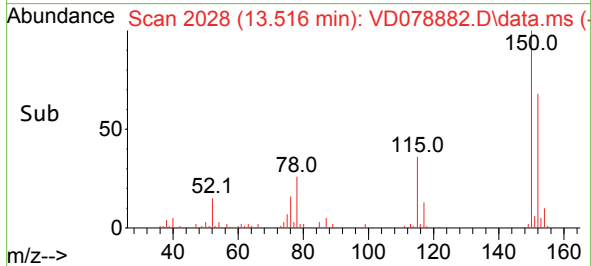


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078882.D
 Acq: 07 May 2024 16:57

Instrument :
 MSVOA_D
 ClientSampleId :

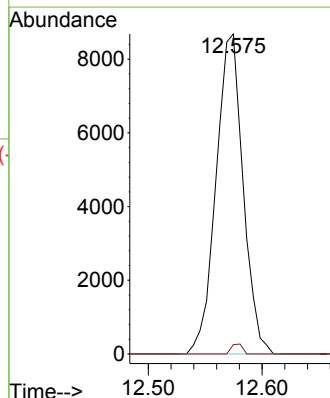
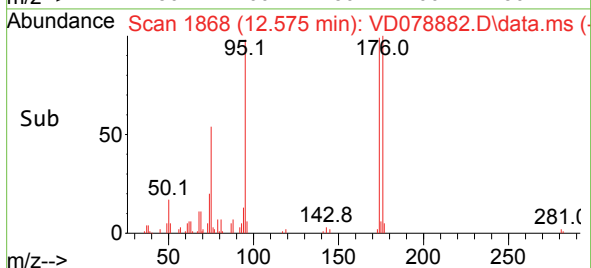
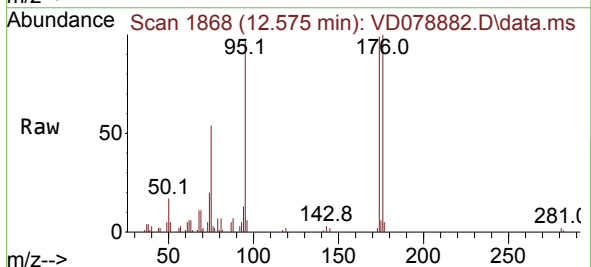


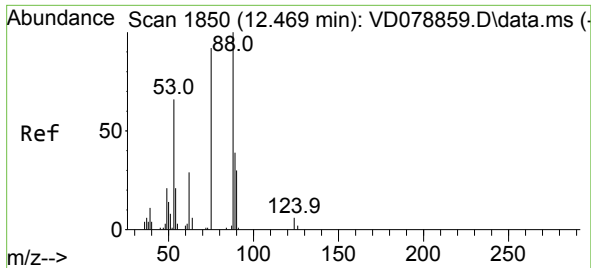
Tgt Ion:152 Resp: 37183
 Ion Ratio Lower Upper
 152 100
 115 53.0 27.1 81.2
 150 154.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.486 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078882.D
 Acq: 07 May 2024 16:57

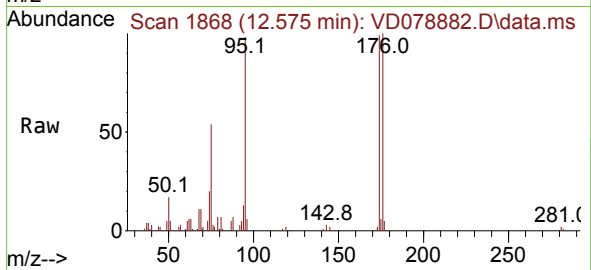
Tgt Ion: 75 Resp: 14380
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.826 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078882.D
 Acq: 07 May 2024 16:57

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	14380
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

